

# List of Plants

## C (E)-2-HEXENAL

CAS Number

6,728,263

Chemid

E2HEXENAL

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Plant Part	Low PPM	High PPM	StdDev	*Reference
Callicarpa americana	Leaf	--	50.0	1.0	*
Carthamus tinctorius	Leaf	--	1.67	-1.0	*
Carthamus tinctorius	Flower	0.5	0.6	-1.0	*
Diospyros virginiana	Fruit	--	--		*
Hibiscus sabdariffa	Calyx	--	--		*
Nepeta racemosa	Shoot	--	3.0	0.26	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Origanum vulgare	Plant	--	--	-0.74	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Origanum vulgare	Plant	--	15.0	1.41	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Origanum vulgare	Plant	--	0.5	-0.67	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Satureja ciliicica	Shoot	--	5.0	1.53	Tumen, G. Baser, K.H.C. and Kirimer, N. 1993. The Essential Oil of Satureja ciliicica P.H. Davis. J. Ess. Oil Res. 5: 547-548.
Sideritis athoaa	Shoot	--	4.0	0.89	Ozek, T., Baser, K.H.C. and Tumen, G. 1993. The Essential Oil of Sideritis athoaa Papanikolaou Et Kokkini. J. Ess. Oil Res. 5: 669-670.
Thymus longicaulis	Shoot	--	0.8	-1.15	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Thymus longicaulis	Shoot	--	2.0	-0.38	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Thymus longicaulis	Shoot	--	0.8	-1.15	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Trifolium pratense	Flower	--	20.0	1.0	Buchnauer,G.,Jirovetz,L.,Nikiforov,A.1996.Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry.J.Agrc.Food Chem.44:1827-8